

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,503,988 B2  
APPLICATION NO. : 10/541285  
DATED : March 17, 2009  
INVENTOR(S) : Osamu Hayashi et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At Column 7, Lines 8-9, please delete “polymers,such” and insert --polymers, such--, therefor.

At Column 7, Line 41, please delete “sidechain” and insert --side chain--, therefor.

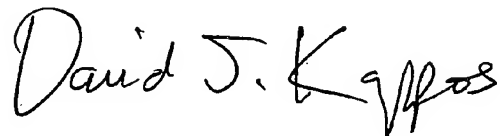
At Column 18, Line 51, in Claim 2, after “method”, please delete “of”.

At Column 18, Line 58, in Claim 3, after “display”, please delete “of”.

At Column 20, Line 10, in Claim 11, please delete “determing” and insert --determining--, therefor.

Signed and Sealed this

Sixteenth Day of November, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large, stylized 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*